IN THE CLAIMS

Claim 1. (canceled)

Claim 2. (canceled)

Claim 3. (canceled)

Claim 4. (canceled)

Claim 5. (canceled)

Claim 6. (canceled)

Claim 7. (canceled)

Claim 8. (canceled)

Claim 9. (canceled)

Claim 10. (canceled)

Claim 11. (canceled)

Claim 12. (canceled)

Claim 13. (canceled)

Claim 14. (canceled)

Claim 15. (canceled)

Claim 16. (canceled)

Claim 17. (canceled)

Claim 18. (canceled)

Claim 19. (canceled)

Claim 20. (canceled)

Claim 21. (canceled)

Claim 22. (canceled)

Claim 23. (canceled)

Claim 24. (canceled)

Claim 25. (canceled)

Claim 26. (canceled)

Claim 27. (canceled)

Claim 28. (canceled)

Claim 29. (canceled)

Claim 30. (canceled)

Claim 31. (canceled)

Claim 32. (currently amended) A method of adding electrical resistance heating elements to an existing pavement surface ~~a road~~ comprising the steps of:

a) applying a thin first layer of wet polymer modified concrete over a layer of dry pavement;

b) placing electrical resistance heating elements on said first layer of polymer modified concrete;

c) applying a second layer of polymer modified concrete over said heating elements of sufficient thickness to form a protective covering over said heating elements;

d) connecting said electrical heating elements to a power source.

33. The method as set forth in claim 32, further comprising the step of:

a) applying a layer of rock chips onto said second layer of polymer modified concrete while said second layer is wet.

34. The method as set forth in claim 32, wherein the step of placing said electrical heating elements on said first layer includes:

a) forming a grid of copper wires in two spaced apart locations on the pavement to provide heating elements for wheel lanes on the road.

35. The method as set forth in claim 32, wherein the step of placing said electrical heating elements on said first layer includes:

a) forming a zigzag pattern of copper wires in the wheel lanes of the road.

36. The method as set forth in claim 32, wherein the step of applying a first layer of polymer modified concrete to the pavement includes:

a) applying said first layer on the wheel lanes of the road .

37. The method as set forth in claim 36, wherein the step of applying a first layer of polymer modified concrete to the pavement includes:

a) applying said first layer in three foot wide strips to cover the wheel lanes of the road.

38. The method as set forth in claim 32, wherein the step of connecting said electrical heating elements to a power source includes:

a) connecting said electrical heating elements to a photovoltaic energy source.

39. The method as set forth in claim 32, wherein the step of connecting said electrical heating elements to a power source includes:

a) connecting said electrical heating elements to a battery.

40. The method as set forth in claim 32, wherein the step of applying said first layer of polymer modified concrete over a layer of dry pavement includes:

a) applying said first layer of polymer modified concrete in a thickness of approximately 1/16th to 1/8th inches using a squeegee to provide an even application of said concrete.

41. (currently amended) The method as set forth in claim ~~29~~ 32, wherein the step of applying said ~~thin~~ first layer of polymer modified concrete over a layer of dry pavement includes:

a) applying said first layer of polymer modified concrete in a thickness of approximately 1/8 to 1/4 inches using a squeegee to provide an even application of said concrete.